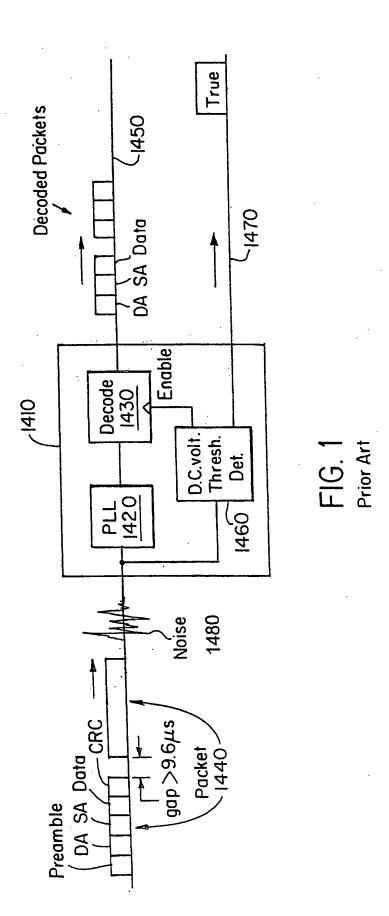
Inventor: Richardson et al. Filed: 03/11/2004

Title: PACKET NETWORK MONITORING DEVICE

Attorney: Michael B. Stewart

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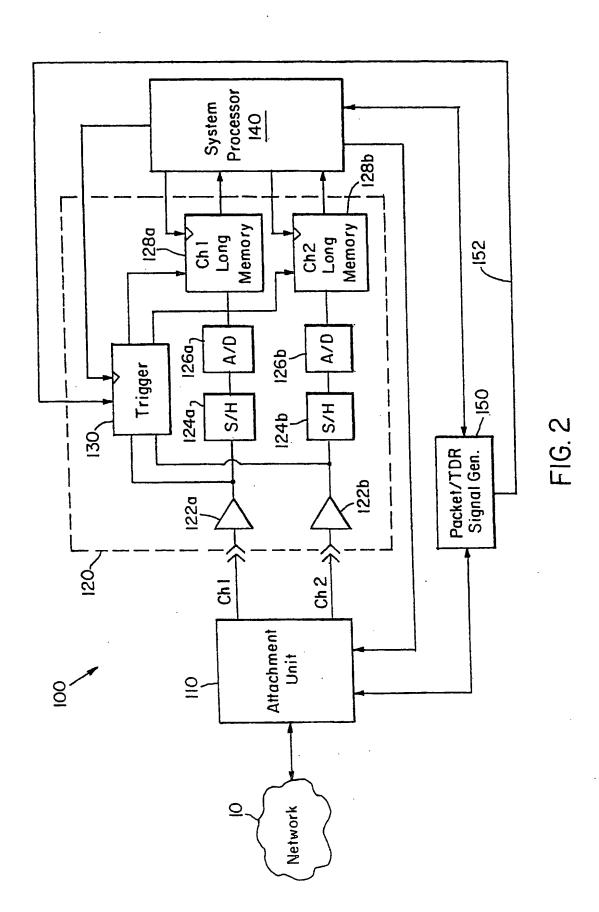
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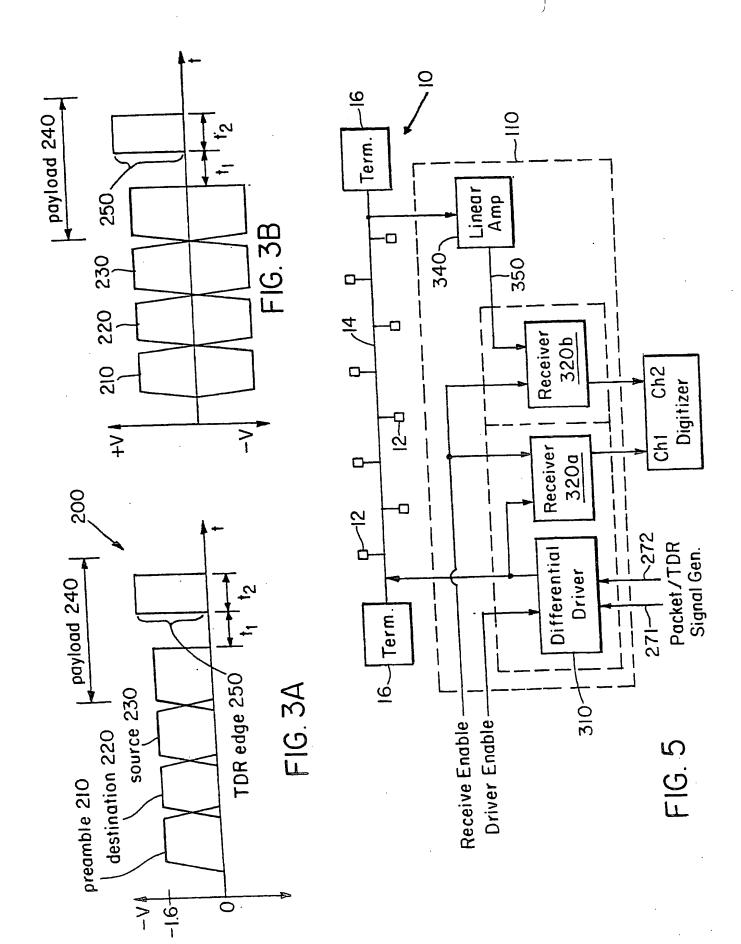
Inventor: Richardson et al. Filed: 03/11/2004 Title: PACKET NETWORK MONITORING DEVICE

Attorney: Michael B. Stewart

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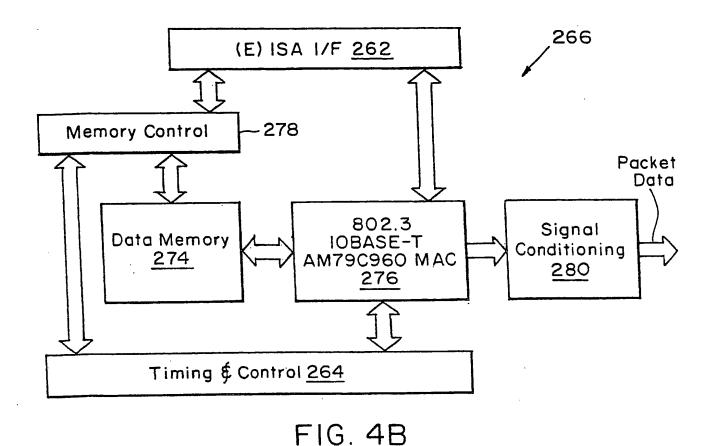
150 Trigger Out 152 to 130 Timing and Control 264 ransmission 151-Sense from IIO Packet Data 272 TTL Pulse ΑU **Packet** Interface Generator Generator AU Control 270 266 268 to 110 -TTL Pulse Data 271 (E) ISA Interface 262

FIG. 4A

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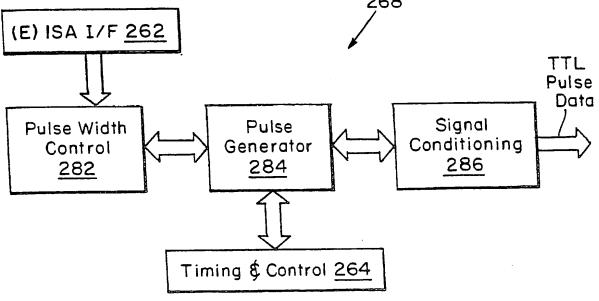


FIG. 4C

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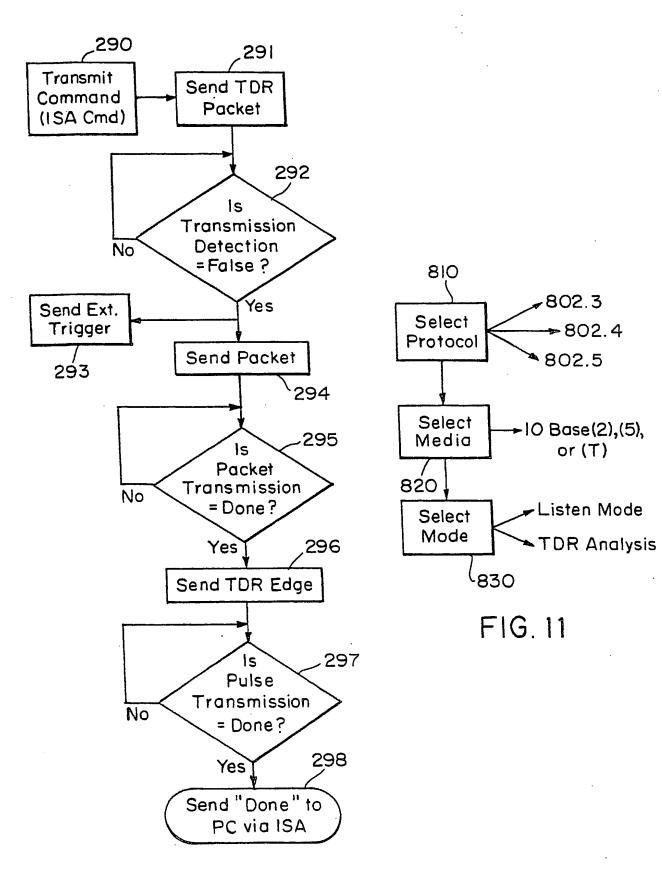


FIG. 4D

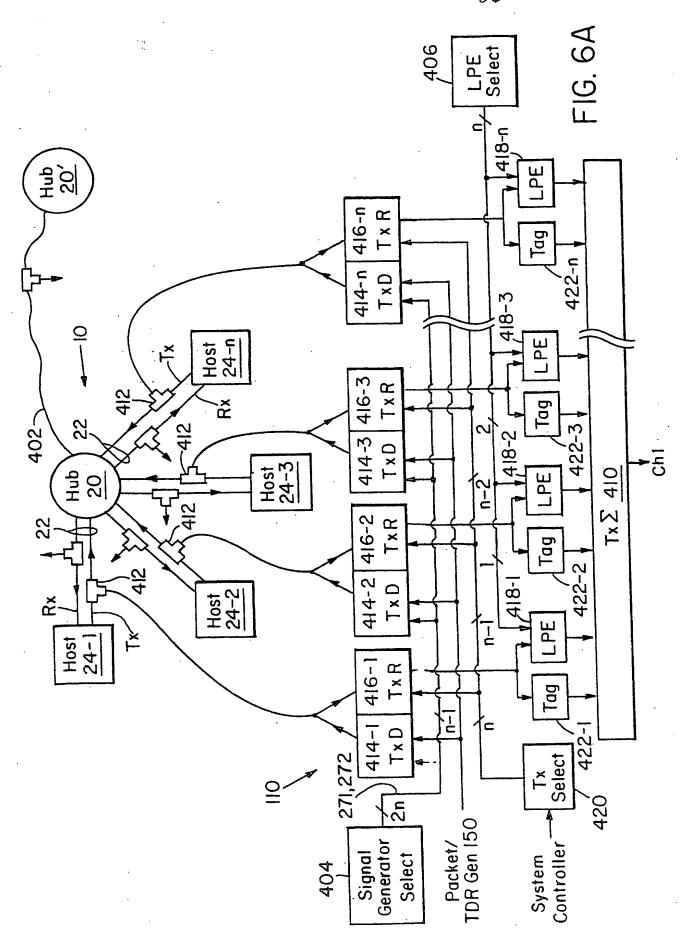
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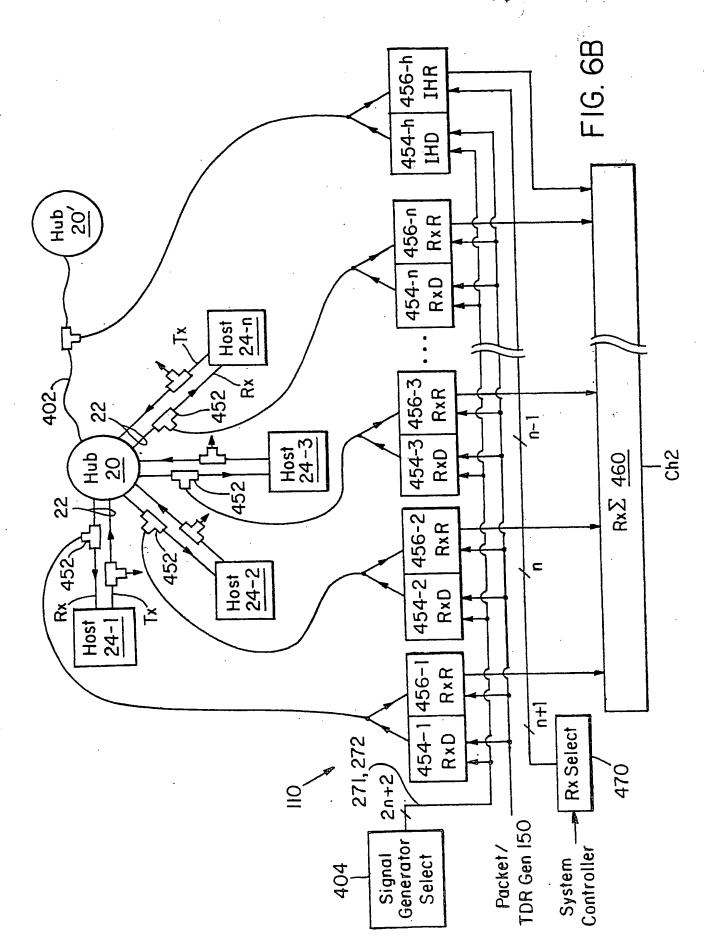
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Title: FACKET NETWORK MONITORING DEVICE

Attorney: Michael B. Stewart

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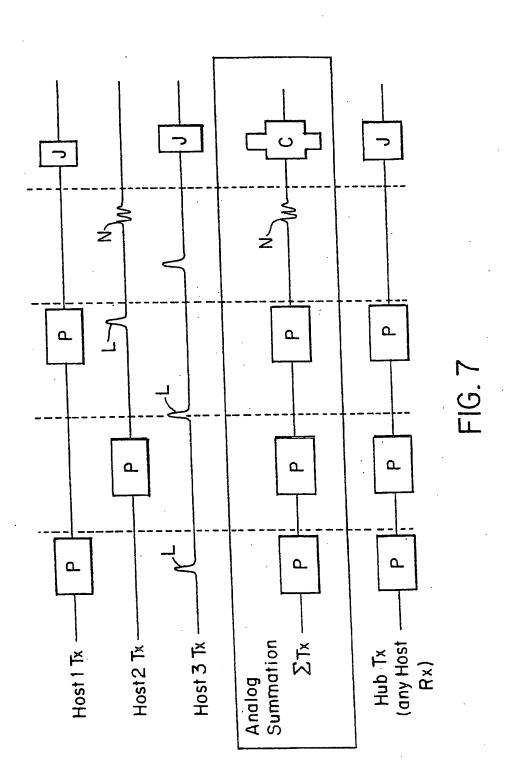
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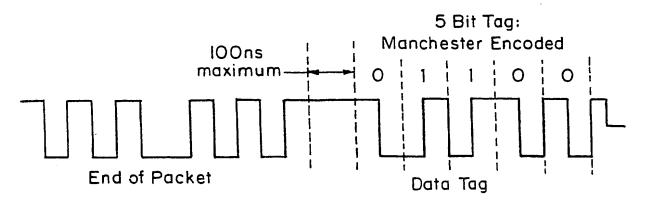


FIG. 8A

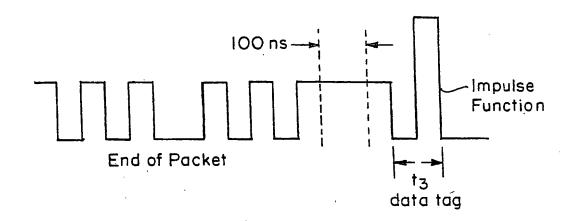


FIG. 8B

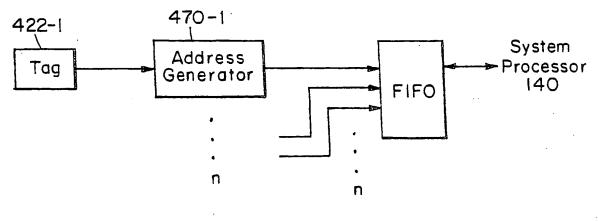


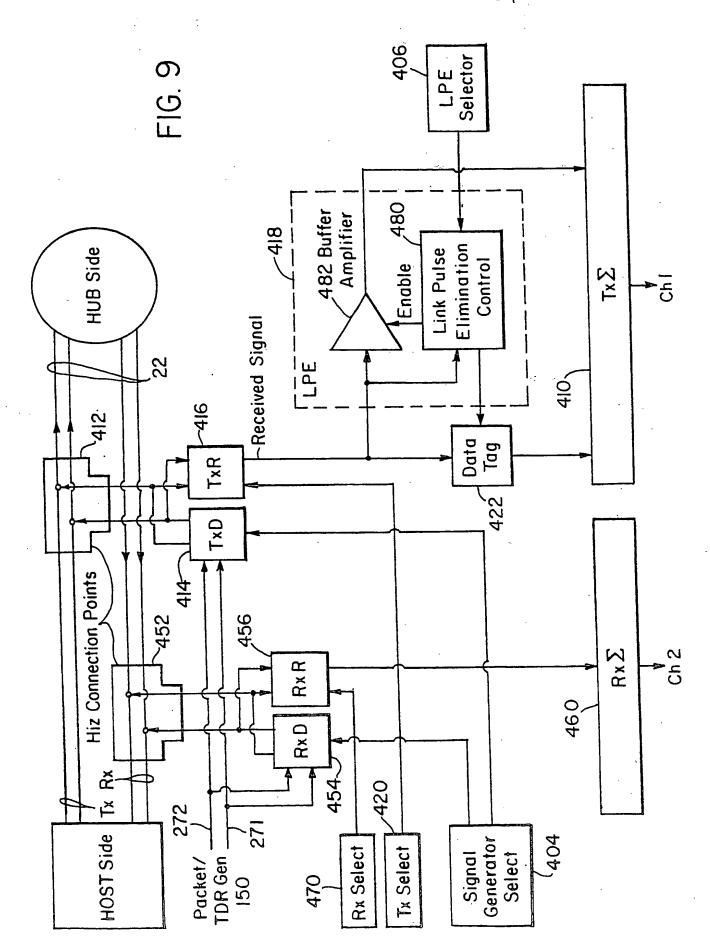
FIG. 8C

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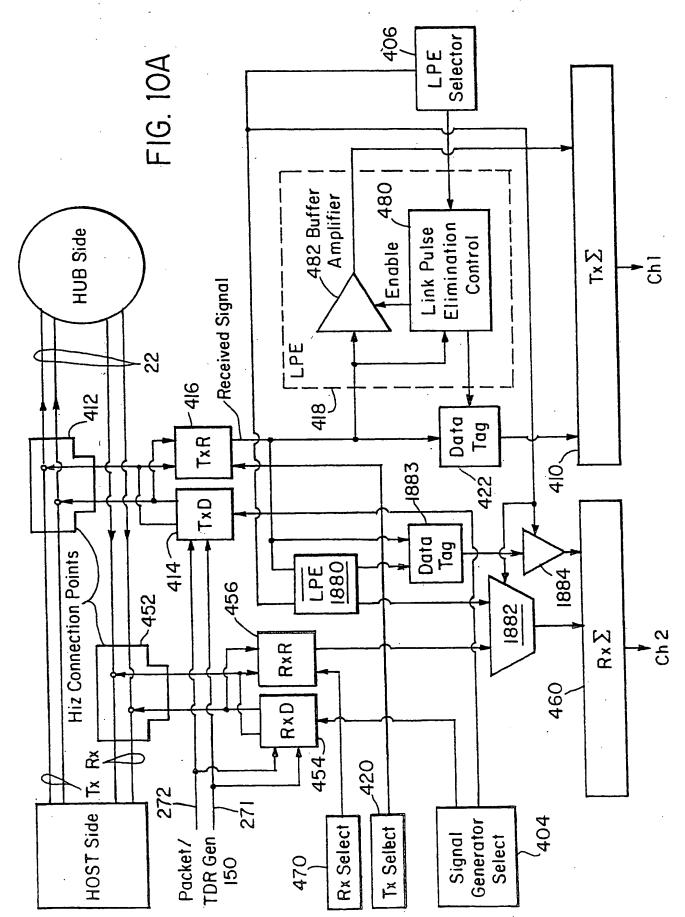
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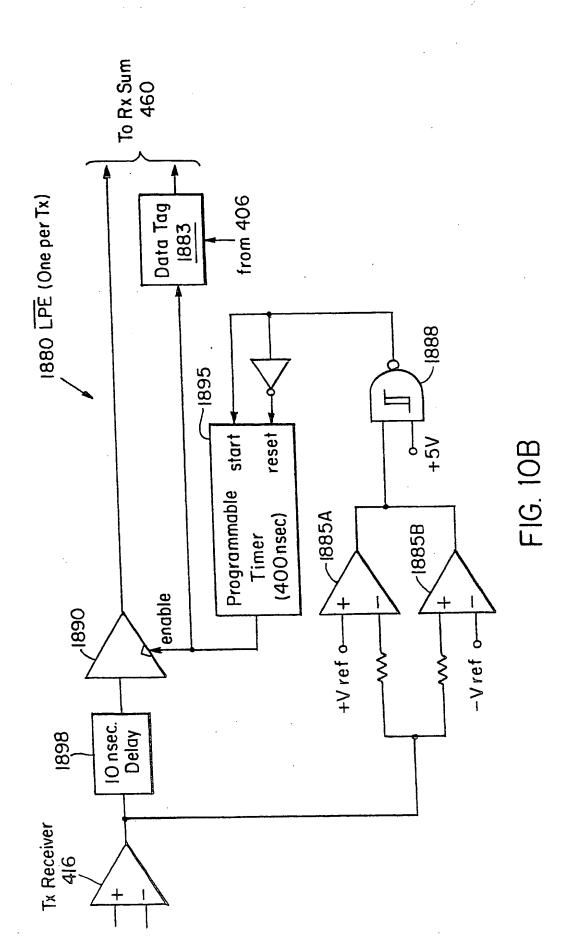
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Listen Mode

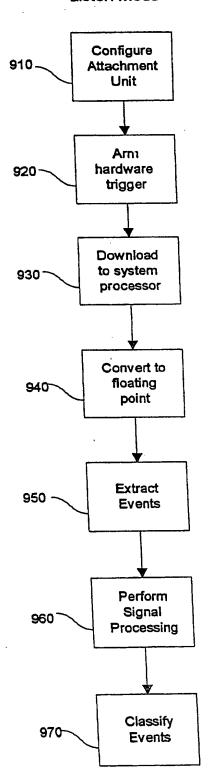
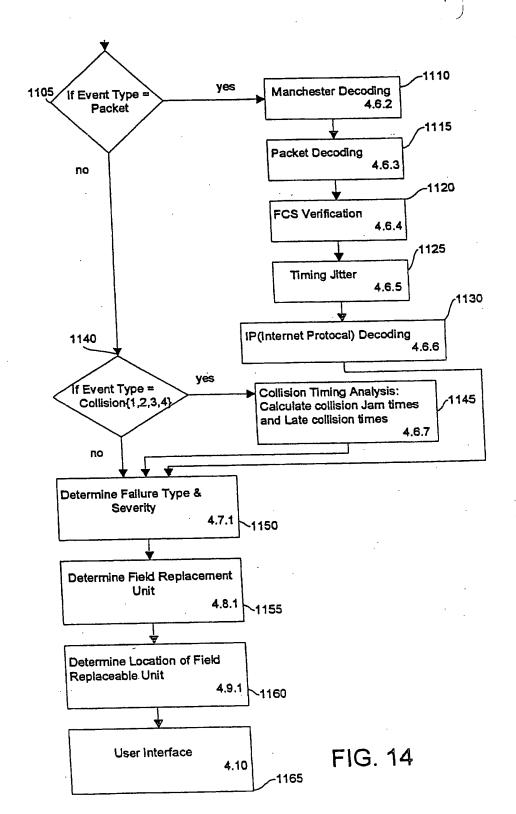


FIG. 12

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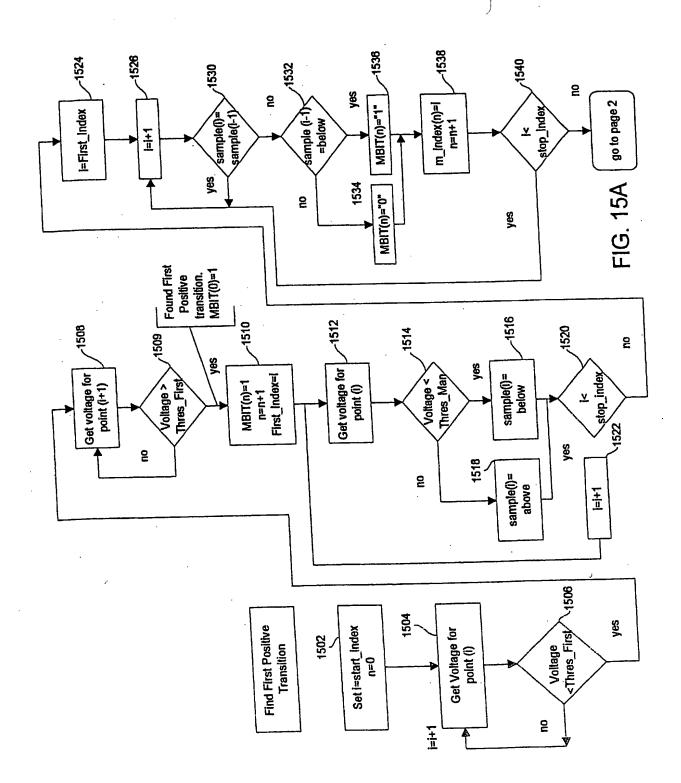
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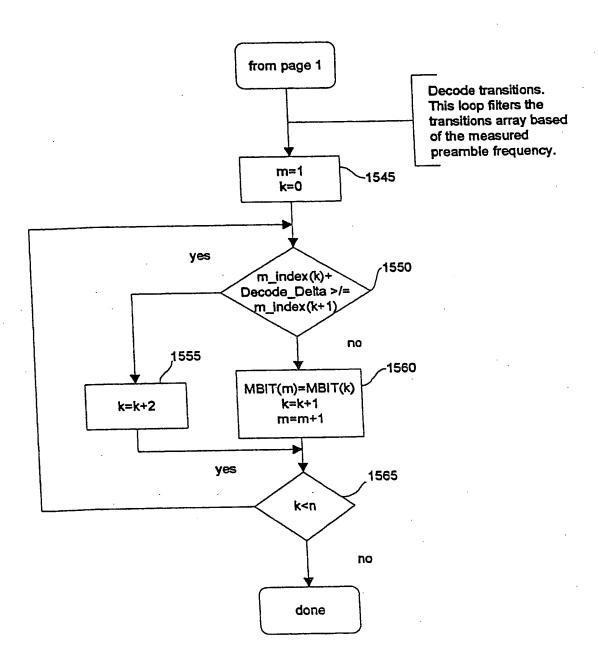
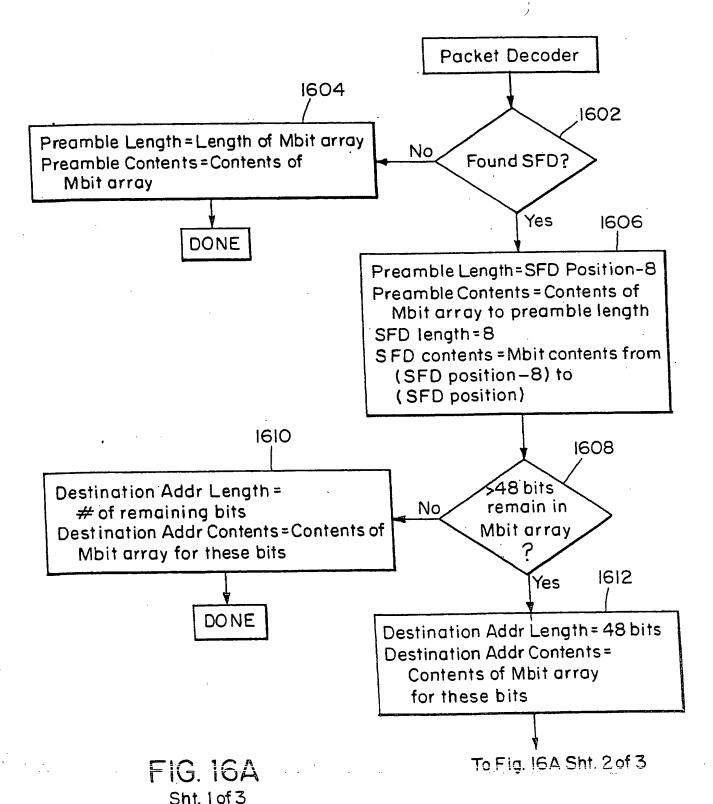
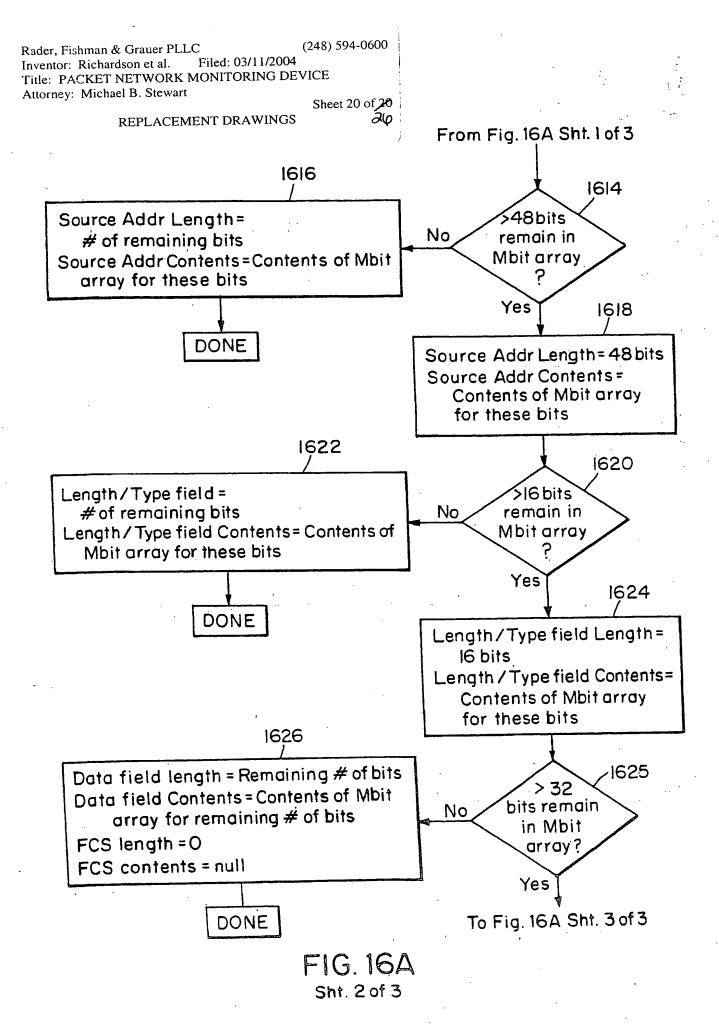


FIG. 15B

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(248) 594-0600 Rader, Fishman & Grauer PLLC Filed: 03/11/2004 Inventor: Richardson et al. Title: PACKET NETWORK MONITORING DEVICE Attorney: Michael B. Stewart Sheet 21 of 26 REPLACEMENT DRAWINGS From Fig. 16A Sht. 2 of 3 Data field length = Remaining # of bits -32Data field Contents = Contents of Mbit array for remaining # of bits-32 1628 FCS length = 32 FCS content = Mbit Contents from (last 32 bits) 1630 Contents of No Do CRC Check Length of Field" <1500? Yes Is 1632 'Data Field" Yes Length = Contents Do CRC Check of "Length of Field"? No 1634 İs "Data Field" No Do CRC Check Length > Contents of "Length of Field"? Yes Pad Field Length = "Data 1636 Field | length-Contents of "Length Field" Pad Field Contents = Mbit Contents for same array indexes FIG. 16A Sht. 3 of 3 Do CR.C. Check

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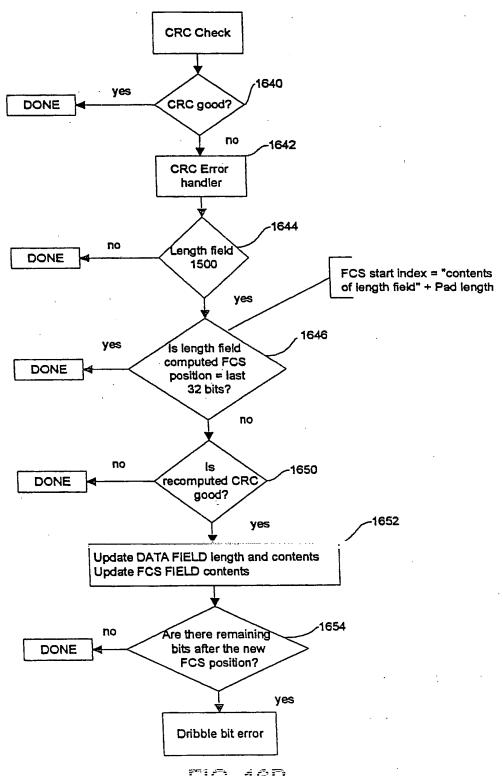
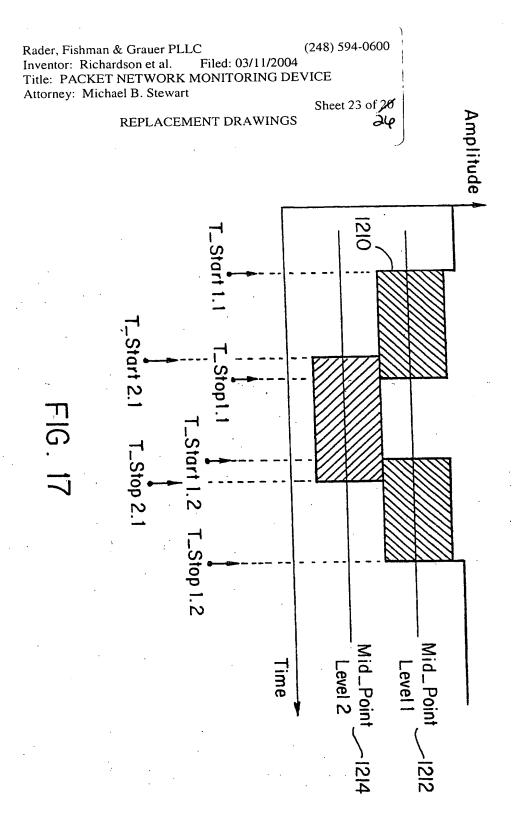


FIG. 16B



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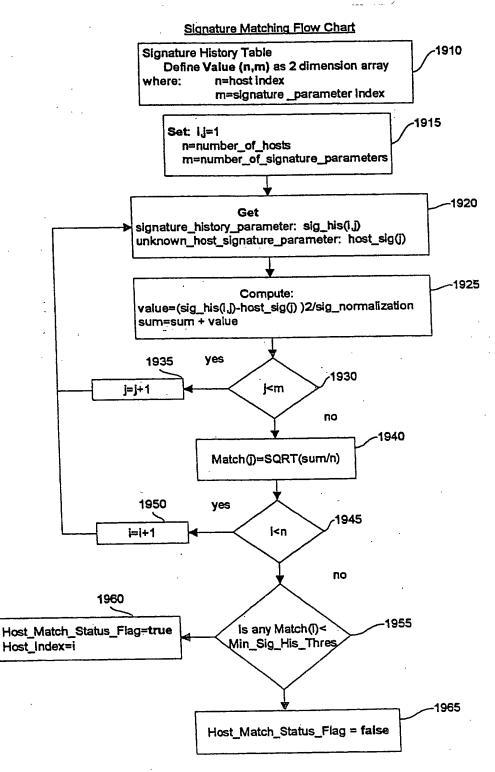


FIG. 18

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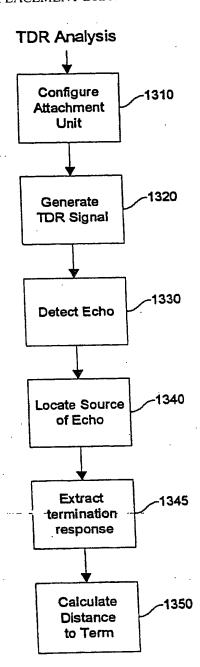


FIG. 19

(248) 594-0600 Rader, Fishman & Grauer PLLC Filed: 03/11/2004 Inventor: Richardson et al. Title: PACKET NETWORK MONITORING DEVICE Attorney: Michael B. Stewart Sheet 26 of 26 REPLACEMENT DRAWINGS 10 Coax Segment Repeater Terminator Amp Link 110-Segment Return Cable Ch1 Ch2 LAN 100 10 Monitor Coax Segment Switch Repeater LAN 101 Monitor Master 110-Return Cable Ch1 Ch2 LAN Monitor 100-Link Segment LAN Monitor Network Hub 110 Cable Ch2 Ch I LAN -100 Monitor

FIG. 20